

## Special Issue

# Structure-Property Relationship in Advanced Materials

### Message from the Guest Editor

Advanced materials are created based on cutting-edge research. New alloying and microstructural design, supported by the development of new production and processing technologies, make it possible to obtain materials with unique properties. Today, we can observe how a wide range of conventional materials with enhanced properties or new materials have firmly entered our lives: high-strength steels and alloys, heat-resistant materials and superalloys, composites, ODS alloys, high-entropy alloys, metallic glasses, single crystals, ultra-fine grained and nanomaterials, smart materials, shape-memory alloys, etc. The aim of this Special Issue is to present the latest results on the theoretical and experimental investigations of structure-property relationships of different advanced materials.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2022)



## Metals

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## About the Journal

### Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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### Editors-in-Chief

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